

# GPS Spreadsmart 1020p technology

## Spreadsmart1020 cab control unit (onboard computer or tablet)

Full control of the spreader, convenient from the cabin.  
Wireless connection from the driver's cab to the spreader.  
No cable, no plug. GPS navigation and data upload can be viewed and printed free of charge on Google Maps.  
No monthly fees. 12 or 24V input, no voltage meter required.



## Keyboard

Full control of all options:  
Control functions only one cable at the keyboard.



## Hub

Control functions only one cable at the keyboard.  
Dashboard can also be connected to a 12 V / 24V water and gear lever, socket Bluetooth connection.



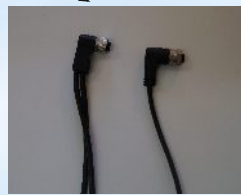
## FCU

Provides connection between cabin and the box on the spreader.  
Easy installation  
12 or 24 V input.  
No voltage meter required, no more wiring.



## "Y" Type distribution Cable

Reduces the number of connections, easy installation. One goes to the coil and one to the corresponding sensor.  
Short assembly time, all pre-wired.



The new way to use the GPS technology in combination with double-chain technology at a price you can afford and all with one device.

The developed hardware for an efficient control of the spread using the GPS technology in combination with the patented double-chain technology allows full control over the scattering output on both sides of the spreader. These two key regions are combined so that the application rate on each side is influenced by the GPS position of the vehicle.



## Kontakt:

Europe sales dept.  
Łukasz Adamczyk

+48 691 897 577  
adamczyk@pomot.pl

Europe sales dept.  
Dieter Freudenberg

+49 160 949 518 27  
+48 603 50 70 72  
re-die@t-online.de

Europe sales dept.  
Dr. Artur Pflugrad

+49 173 159 2653  
+48 727 550 340  
info@pflugrad-services.de

POMOT Sp.z.o.o.  
ul. Słowiańska 2  
PL 74-500 Chojna  
pomot@pomot.pl  
www.pomot.pl

**pomOT**  
CHOJNA

# Universal Fertilizers Spreader Transpread

**Novelty:** Double Chain (2 x 350 mm, 2 x 500 mm)

**Novelty:** Chamber capacity 18 T, 22 T, 27 T (UPR 18, 22, 27)

Mechanical - hydraulic basic equipment with single chain  
Mechanical - hydraulic basic equipment with double chain (also as special equipment)  
Hydraulic basic equipment with single chain  
Hydraulic basic equipment with double chain



Licensed, universal spreader for large areas

- Worldwide tested for over 50 years in 20 licensed companies.
- For 20 years, he has already met the European standards with regard to distribution accuracy in the field of boundary and partial width spreading with good to very good results. Compatible with systems in Precision Farming operation or when using sensor technology for specific surface spreading
- Many years of proven computer and GPS technology.
- Certified by FQC
- Comparable with a certification by DLG and others



As much as necessary, as little as possible

- easy efficient construction saves material costs
- efficient hydraulic spreading technology saves material and assembly costs
- scattering type saves material costs and conversion time
- long-lasting chain saves material and maintenance costs as much as possible

Thereby:

- Light, long-lasting chain Low spare parts saves ongoing operating costs
- Few special equipment saves cost

**Inexpensive in acquisition,  
efficient and cost-saving when spreading**



## The Simple, precise



Single Chain

Spreader Technical data Transpread POMOT		Spreader Type					
	Mechanical- hydraulic basic equipment	Transpread POMOT, UPR 4 - 18					
	Single Chain	4	7	10	12,5	16	18
Spreader weight	1.500 bis 4.900 kg	1 500	1 650	2 440	3 050	3 350	3 600
Capacity	2.830 bis 22.000 Liter	2 830	5 120	7 900	10 500	13 500	15 000
Load weight	4.000 bis 27.000 kg	4 000	7 000	10 000	12 500	16 000	18 000
Axles	2.500 bis 6.000 mm	2 500	3 000	3 000	4 000	4 000	4 000
Steering axle	1 bis 3 Achsen	ein	ein	ein	zwei	zwei	zwei
Gauge	bei 2 achser (hintere), bei 3- achser (1. und 3.)				x	x	x
Transport chain – single	von 1.900 bis 2.150	1 900	1 900	1 900	2 000	2 150	2 150
Transport chain – double	500, 730, 1.000 mm Kettenbreite	500	500	730	730	730	730
Hydraulic motor	2 x 350, 2 x 500 (nur als Sonderanfertigung)		2x350	2x350	2x350	2x350	2x350
Spreading plates in mm	Hydraulikmotoren	80	80	80	80	80	80
Plate diameter	Only 1 arched spreading discs for spreading materials	575	575	675	675	675	675
Transport speed	Standard 25 kmh, special equipment 40, 50 kmh	25	25	25	25	25	25

## Alternative



Single Chain

Spreader Technical data Transpread POMOT		Spreader Type					
	Mechanical- hydraulic basic equipment	TRANSPREAD POMOT UPR 4-18					
	Single Chain	4	7	10	12,5	16	18
Spreader weight	1.500 - 4.900 kg	1 500	1 650	2 440	3 050	3 350	3 600
Capacity	2.830 bis 22.000 Liter	2 830	5 120	7 900	10 500	13 500	15 000
Load weight	4.000 bis 27.000 kg	4 000	7 000	10 000	12 500	16 000	18 000
Chamber length	2.500 bis 6.000 mm	2 500	3 000	3 000	4 000	4 000	4 000
Axles	1 bis 3 Achsen	ein	ein	ein	zwei	zwei	zwei
Steering axle	bei 2 achser (hintere), bei 3- achser (1. und 3.)				x	x	x
Gauge	von 1.900 bis 2.150	1 900	1 900	1 900	2 000	2 150	2 150
Transport chain – single	500, 730 mm Kettenbreite sowie	500	500	730	730	730	730
Hydraulic motor	Hydraulikmotoren	80	80	80	80	80	80
Spreading plates in mm	Nur 1 gewölbter Streuteller für alle Streugüter	575	575	675	675	675	675
Transport speed	Standard 25 kmh, Sonderausstattung 40, 50 kmh	25	25	25	25	25	25

## Allmighty



Double Chain

Spreader Technical data Transpread POMOT		Spreader Type							
	Mechanical- hydraulic basic equipment	TRANSPREAD POMOT UPR 7-27							
	double chain	7	10	12,5	16	18	22	27	
Spreader weight	1.500 - 4.900 kg	1 650	2 440	3 050	3 350	3 600	4 400	4 900	
Capacity	2.830 bis 22.000 Liter	5 120	7 900	10 500	13 500	15 000	18 000	22 000	
Load weight	4.000 bis 27.000 kg	7 000	10 000	12 500	16 000	18 000	22 000	27 000	
Chamber length	2.500 bis 6.000 mm	3 000	3 000	4 000	4 000	4 000	6 000	6 000	
Axles	1 bis 3 Achsen	ein	ein	zwei	zwei	zwei	drei	drei	
Steering axle	bei 2 achser (hintere), bei 3- achser (1. und 3.)			x	x	x	x	x	
Gauge	von 1.900 bis 2.150	1 900	1 900	2 000	2 150	2 150	2 150	2 150	
Transport chain – double	2x350, 2x500 mm Kettenbreite sowie	2x350	2x350	2x350	2x350	2x350	2x500	2x500	
Transport chain – double	Hydraulikmotoren	80	80	80	80	80	80	80	
Spreading plates in mm	Nur 1 gewölbter Streuteller für alle Streugüter	575	675	675	675	675	775	775	
Transport speed	Standard 25 kmh, Sonderausstattung 40, 50 kmh	25	25	25	25	25	25	25	

## Mechanical hydraulic or hydraulic spreader drive



Mechanical hydraulic spreader drive

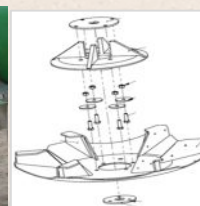


Hydraulic computer-controlled spreading machine.

The hydraulic systems control the transmission of power between the tractor and the machine. The hydraulic motors are connected 1: 1 to the spreader. The setting of the planned throw distance is done without any technical or mechanical accessories. The chain can be driven by means of a mechanical 3speed gearbox or a hydraulically, computer-controlled gearbox. The special equipment with hydraulically driven and specially shaped spreader in combination with chain, brushes and plastic inlay on the bottom of the chamber make the device a uniform spreading universal spreader such international tried and tested stray goods like:

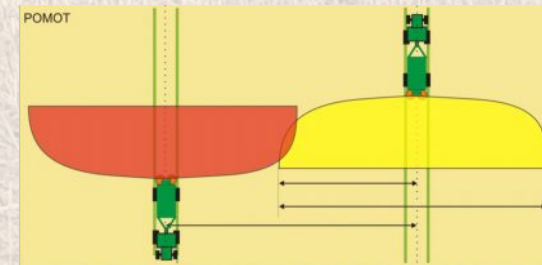
- fertilizer (granulated and compact)
- curves lime of different consistency gravel,
- sand, salt earth ,
- Peat, gypsum, compost
- chicken droppings, dross slag
- sewage sludge

## Streuteller und Streukurven



Due to their curved shape and speed, the spreading discs develop a suction which additionally accelerates the scattered material and ejects it evenly in a ballistic curve. Only one spreader type (2 pcs) in three sizes (small UPR 4 and 7), medium UPR 10, 12,5, 16, 18, large UPR 22 and 27) for all working widths of 4-40 m. The ejection of the scattered material by a ballistic curve allows an almost vertical fall to the plants.

## Spreading Draw



Good streaks are characterized by ballistic domes, evenly distributed to the edge, with small overlapping zones. Thus, at the edges, an offset is required to compensate for uneven distribution by over-tapped driving. This reduces the dung costs.

## Chains the following chains are used:



### Single

### Double chain



1 x 500 UPR 4, 7



2 x 350 mm UPR 7, 10, 12,5



1 x 730 UPR 10, 12,5 16, 18



2 x 500 mm UPR 22, 27

